

## RAW SEQUENCE LISTING

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Application Serial Number: 10/667868  
Source: FWO  
Date Processed by STIC: 11-30-4

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IFWO

## RAW SEQUENCE LISTING

DATE: 11/30/2004

PATENT APPLICATION: US/10/667,868

TIME: 15:09:32

Input Set : N:\Crf3\RULE60\10667868.raw

Output Set: N:\CRF4\11302004\J667868.raw

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1 <110> APPLICANT: Patten, Phillip
2   Stemmer, Willem P.C.
3 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR POLYPEPTIDE ENGINEERING
4 <130> FILE REFERENCE: 02-020501US
5 <140> CURRENT APPLICATION NUMBER: US/10/667,868
6 <141> CURRENT FILING DATE: 2003-09-22
7 <150> PRIOR APPLICATION NUMBER: US/09/339,926
8 <151> PRIOR FILING DATE: 1999-06-24
9 <150> PRIOR APPLICATION NUMBER: 08/769,062
10 <151> PRIOR FILING DATE: 1996-12-18
11 <150> PRIOR APPLICATION NUMBER: 08/198,431
12 <151> PRIOR FILING DATE: 1994-02-17
13 <150> PRIOR APPLICATION NUMBER: 08/425,684
14 <151> PRIOR FILING DATE: 1995-04-18
15 <150> PRIOR APPLICATION NUMBER: 08/537,874
16 <151> PRIOR FILING DATE: 1995-10-30
17 <160> NUMBER OF SEQ ID NOS: 101
18 <170> SOFTWARE: PatentIn Ver. 2.0
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22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
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34 <220> FEATURE:
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43 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
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52 <212> TYPE: DNA
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54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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60 <210> SEQ ID NO: 5
61 <211> LENGTH: 40
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63 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
66      oligonucleotide used for codon usage library
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68      aaccctccag ttccgaaccc gatatacata tgaaacagtc          40
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71 <211> LENGTH: 60
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74 <220> FEATURE:
75 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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78      tgggtgttatg tctgctcagg cdatggcdgt dgayttycay ctggttccgg ttgaagagga 60
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82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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88      ggctggtttc gctaccgttg cdccargcdgc dccdaargay ctggttccgg ttgaagagga 60
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91 <211> LENGTH: 60
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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104 <220> FEATURE:
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115 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:

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156 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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159     gggtccggac tctgctggta cygcdacygc dtayctgtgc ggtgttaaag gtaactaccg 60
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163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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168 <400> SEQUENCE: 15
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173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
177     oligonucleotide used for codon usage library
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183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
187     oligonucleotide used for codon usage library
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189     gtactctgac gctgacctgc cdgdcgaygc dcaratgaac ggttgccagg acatcgctgc 60
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192 <211> LENGTH: 60
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
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196 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
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205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate
207     oligonucleotide used for codon usage library
208 <400> SEQUENCE: 19
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Input Set : N:\Crf3\RULE60\10667868.raw

Output Set: N:\CRF4\11302004\J667868.raw

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215 <220> FEATURE:  
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217 oligonucleotide used for codon usage library  
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221 <210> SEQ ID NO: 21  
222 <211> LENGTH: 60  
223 <212> TYPE: DNA  
224 <213> ORGANISM: Artificial Sequence  
225 <220> FEATURE:  
226 <223> OTHER INFORMATION: Description of Artificial Sequence: degenerate  
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229 aatacaacgt. tcagcaggac cayacyaarg ayccdacyct gcaggaaatg accgaagttg 60  
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233 <212> TYPE: DNA  
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235 <220> FEATURE:  
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241 <210> SEQ ID NO: 23  
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243 <212> TYPE: DNA  
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251 <210> SEQ ID NO: 24  
252 <211> LENGTH: 60  
253 <212> TYPE: DNA  
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262 <211> LENGTH: 60  
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264 <213> ORGANISM: Artificial Sequence

**VERIFICATION SUMMARY**

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